

ABSTRACT

Type II photoinitiators interact with co-initiating agents to initiate polymerization in ethylenically unsaturated resins when exposed to irradiation. In the current invention, said photoinitiators are bound to the surface or synthesized on the surface of polymer or inorganic particles or molecules, creating a complex which is multifunctional with respect to the photo-initiating capability. The mixture of said photoinitiator in said monomer/co-initiator mixture will demonstrate a low level of elution of initiator species from the cured polymer in liquid media.